


BRAD RAMNARINESINGH

Ontario, Canada

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[Bradramnarinesingh \(Brad Ramnarinesingh\)](#)

Summary

Aspiring computer science student with strong problem-solving and technical skills. Experienced in software development, web design, and creating impactful solutions. Passionate about coding and teamwork, seeking opportunities to contribute to innovative projects.

Education

University of Toronto

2021 - Present

Honors Bachelor of Science in Computer Science, Mathematics, and Statistics

Toronto, Ontario

- Completed coursework in data structures, algorithms, software engineering, probability theory, statistical inference, and linear algebra.
- Engaged in collaborative projects focusing on machine learning applications and statistical data analysis.
- Maintained a strong academic record while actively participating in computer science and mathematics communities.

Projects

Travel AI App Development | *Gemini LLM, Next.js, Neon PostgreSQL, APIs*

- Developed a mobile-friendly travel assistant app using Gemini LLM to generate personalized itineraries based on user inputs.
- Built a scalable backend with Neon PostgreSQL and integrated APIs for location-based recommendations and traffic updates.

ML House Price Prediction | *Python, Scikit-Learn, Gradient Boosting, Pandas, Matplotlib*

- Designed and implemented a machine learning model using Scikit-Learn Gradient Boosting Regressor, achieving a Mean Absolute Error of \$33,429.72 for accurate house price forecasting.
- Conducted data cleaning and feature engineering with Pandas, incorporating price trends and normalization techniques to enhance prediction accuracy.
- Visualized historical and forecasted data using Matplotlib to provide actionable insights for market analysis.

Portfolio Website | *HTML/CSS, JavaScript*

- Developed a responsive personal portfolio website using HTML, CSS, and JavaScript to showcase projects and skills in a professional layout.
- Enhanced user experience with interactive animations and hover effects, creating an engaging and polished interface across devices.
- Implemented SEO best practices and optimized website performance to ensure faster load times and better accessibility for users.

Technical Skills

Languages: Python, Java, JavaScript, HTML/CSS

Developer Tools: VS Code, PyCharm, Vercel

Technologies/Frameworks: Scikit-Learn, Pandas, Matplotlib, React.js, Next.js, WordPress

Databases: Neon PostgreSQL

Experience

Peel Hardware and Supply

May 2023 – Present

Sales Associate

Caledon, Ontario

- Streamlined inventory organization processes, improving efficiency in stock management.
- Delivered exceptional customer service by resolving queries and offering tailored product advice.
- Collaborated with team members to ensure a well-maintained and visually appealing sales floor.